

HematoVision - Project Testing Phases

Testing Plan

Detailed test plan for various stages of HematoVision development.

Testing Phases

1. Unit Testing: Tested model training and data pipelines.
2. Integration Testing: Tested model integration with Flask.
3. Functionality Testing: Verified predictions with actual images.
4. UI Testing: Checked form upload and result display.
5. Model Evaluation: Used test set to compute accuracy and confusion matrix.

Tools Used

- TensorFlow/Keras
- Flask (Post/Route Testing)
- Manual testing via browser (Chrome, Edge)